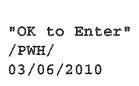
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Replacement Sheet



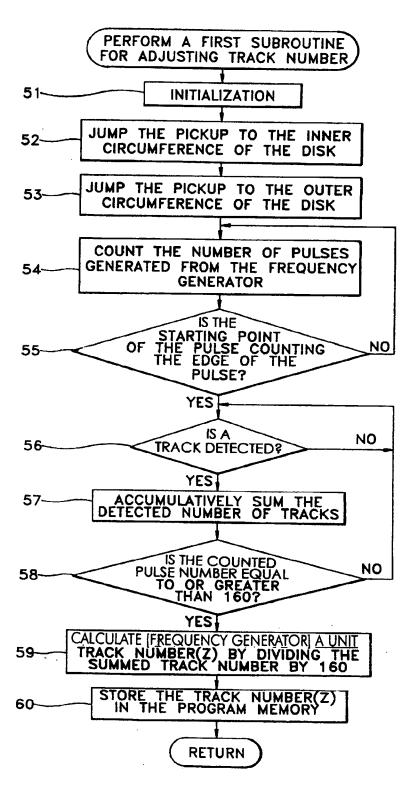


FIG. 5 (Amended)

Title: DISK CALIBRATION AND SEARCH METHOD IN A CD-ROM DRIVE SYSTEM Inventor(s): KI-BONG YUN Application No.: 09/665183 Replacement Sheet PERFORM A SEARCH SUBROUTINE "Do NOT Enter" /PWH/ 03/06/2010 ADJUST AND INITIALIZE THE UNIT TRACK NUMBER FOR 61 THE TARGET TRACK BY REPEATING THE SEARCH OPERATION \*see 01/29/10 drawing which was entered. READ OUT THE CURRENT POSITION OF THE PICKUP AND CALCULATE 62 THE DISTANCE FROM THE CURRENT POSITION TO THE TARGET TRACK 63 CALCULATE THE NUMBER OF TRACKS (X) TO BE JUMPED BY THE PICKUP YES NO LONG JUMP REQUIRED **PERFORM** 68 65 IS THE SHORT JUMP <u>Track number to</u> THE TARGET TRACK EQUAL NO TO A VALUE OBTAINED BY ADDING 69 ONE TO THE INITIAL VALUE? DIVIDE THE NUMBER OF TRACKS (X) TO BE JUMPED BY THE PICKUP BY THE YES 71 ADJUSTED UNIT TRACK NUMBER (X + ADJUSTED UNIT PERFORM A SECOND SUBROUTINE FOR ADJUSTING THE UNIT TRACK NUMBER) = YTRACK NUMBER ROTATE THE SLED MOTOR IN ACCORDANCE WITH PULSE NUMBER CONVERTED FROM THE VALUE (Y) 70 **OBTAINED IN STEP'69** 66 **WAS** YES THE TARGET TRACK REACHED? 67 NO ADD ONE TO THE INITIAL TRACK NUMBER (X) OF THE TARGET TRACK **RETURN** FIG. 6 (NEW)